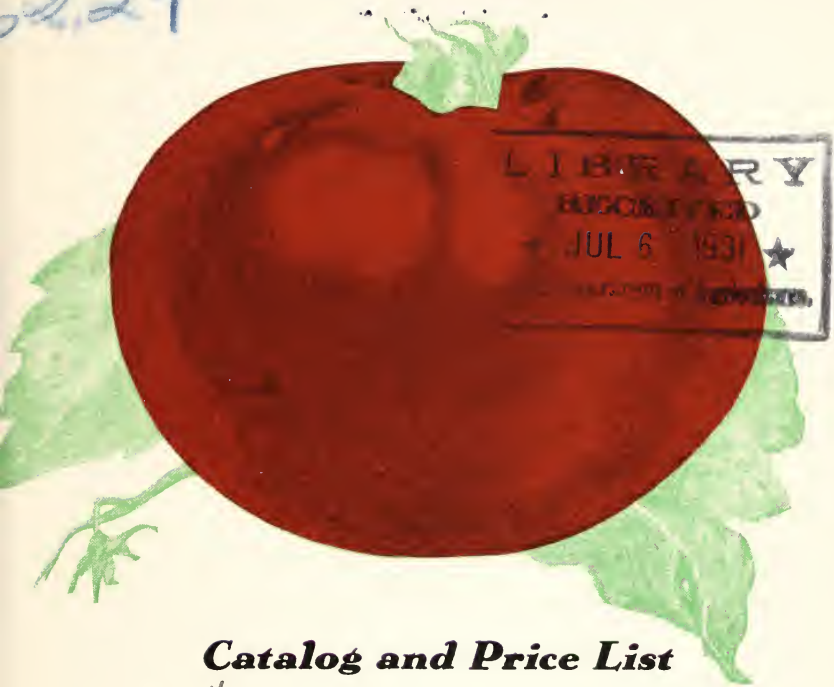


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



3229



*Catalog and Price List*

# **Flower - Garden Field Seeds**

AND

# **Poultry Supplies**

**1931**

***Young's Seed House***

***Hutchinson, Kansas***

Vegetable Seed Trade

# GARDEN SEED TABLES

Vegetable	Average Germination one year old seed	Average Duration of Germination power in years	Average number of seeds per ounce	Average weight of Quart of seed in ounces	Amount Required for 100 feet of drill	Amount of seed required per acre	Depth of planting
Asparagus-----	90%	3	1,000	32	1 oz.	5 lbs.	1 inch
Beans, Dwarf-----	90%	3	100	30	1 lb.	60 lbs.	1 inch
Beans, Pole-----	90%	3	100	30	½ lb.	30 lbs.	1 inch
Beet, Garden-----	95%	4	1,750	10	1 oz.	6 lbs.	1 inch
Beet, Mangel-----	95%	4	1,200	10	1 oz.	5 lbs.	1 inch
Borecole-----	85%	3	5,000	24	½ oz.	1 lb.	½ inch
Broccoli-----	80%	4	7,000	24	¼ oz.	1 oz.	½ inch
Brussels Sprouts--	85%	4	6,500	24	¼ oz.	2 oz.	½ inch
Cabbage-----	85%	4	5,000	24	¼ oz.	4 oz.	½ inch
Cauliflower-----	75%	4	8,000	24	¼ oz.	1 oz.	½ inch
Carrots-----	75%	3	14,000	12	½ oz.	2 lbs.	½ inch
Celery-----	65%	3	50,000	16	¼ oz.	4 oz.	⅛ inch
Collards-----	88%	3	4,500	24	¼ oz.	4 oz.	½ inch
Chicory-----	70%	3	25,500	16	½ oz.	2½ lbs.	½ inch
Corn Salad-----	80%	3	30,000	12	1 oz.	5 lbs.	½ inch
Corn, Sweet-----	85%	3	125	23	¼ lb.	12 lbs.	1 inch
Cucumber-----	85%	5	1,000	18	½ oz.	2 lbs.	1 inch
Egg Plant-----	75%	4	5,000	18	⅛ oz.	4 oz.	½ inch
Endive-----	80%	5	13,500	12	1 oz.	2 lbs.	½ inch
Kale-----	85%	3	7,500	24	¼ oz.	1 lb.	½ inch
Kohl Rabi-----	85%	3	7,000	24	¼ oz.	1 lb.	½ inch
Leek-----	80%	2	8,000	18	½ oz.	4 lbs.	½ inch
Lettuce-----	90%	6	16,000	14	½ oz.	3 lbs.	½ inch
Melon, Musk-----	85%	5	1,200	12	½ oz.	2 lbs.	1 inch
Melon, Water-----	85%	5	225	16	1 oz.	2 lbs.	1 inch
Mustard-----	85%	3	18,000	30	¼ oz.	1 lb.	¼ inch
Okra-----	85%	1	425	20	2 oz.	8 lbs.	1 inch
Onion-----	80%	2	12,500	16	1 oz.	4 lbs.	½ inch
Parsnip-----	75%	1	2,800	10	½ oz.	3 lbs.	½ inch
Parsley-----	70%	1	17,500	12	¼ oz.	3 lbs.	⅛ inch
Peas-----	90%	3	30-150	30	1 lb.	60 lbs.	1 inch
Pepper-----	75%	2	4,000	16	⅛ oz.	2 oz.	½ inch
Pumpkin, Kent'y--	90%	4	125	10	½ oz.	4 lbs.	1 inch
Pumpkin, Tours--	90%	4	100	8	½ oz.	4 lbs.	1 inch
Radish-----	90%	4	5,000	24	1 oz.	10 lbs.	½ inch
Rhubarb-----	75%	1	1,800	4	1 oz.	5 lbs.	½ inch
Salsify-----	75%	1	4,500	12	1 oz.	8 lbs.	½ inch
Spinach-----	80%	3	3,000	14	1 oz.	8 lbs.	1 inch
Squash, Summer--	90%	4	300	20	½ oz.	4 lbs.	1 inch
Squash, Winter--	90%	4	125	14	½ oz.	2 lbs.	1 inch
Tomato-----	85%	3	7,500	10	⅛ oz.	2 oz.	½ inch
Turnip-----	90%	4	10,000	24	½ oz.	1 lb.	¼ inch

# YOUNG'S SEED HOUSE

## 1931 Catalog and Price List

### *To The Trade:*

In asking for your seed orders this year, we wish to again call attention first to the matter of quality. The seeds we offer you are grown where conditions are most favorable to healthy growth and maturity, and are absolutely the best in seeds that it is possible to buy. We want our customers to have the best that we can get. All seeds are carefully tested for germination, and only that which proves up to a high standard is sold you.

Regarding prices, we believe the figures quoted in our price list will compare favorably with other houses, and we can save you a little in transportation charges, and give you the seeds when you want them.

We want to ask for your business for 1931, and assure you of careful attention.

Very truly,  
THE YOUNG & SONS CO.

All quotations are f. o. b. Hutchinson.

## GARDEN SEEDS

### ASPARAGUS

	Oz.	$\frac{1}{4}$ lb.	lb.
Conover's Colossal .....	\$ .10	\$ .30	\$ .90
Columbian Mammoth White .....	.10	.30	.90

### BEANS, Green Pod Bush

	Lb.	5 lbs.	10 lbs.
Burpee's Stringless Green Pod.....	.30	1.40	2.75
Extra Early Red Valentine .....	.30	1.40	2.75

### BEANS, Wax Pod Bush

Improved Golden Wax .....	.30	1.40	2.75
Pencil Pod Black Wax .....	.30	1.40	2.75
Wardwell's Kidney Wax.....	.30	1.40	2.75
Royal Purple Wax .....	.35	1.65	3.25

### BEANS, LIMA

Henderson's Bush Lima .....	.30	1.40	2.75
Burpee's Bush Lima .....	.35	1.65	3.00
Large Pole or Butter Lima.....	.30	1.40	2.75

### BEANS, POLE

Improved Kentucky Wonder .....	.25	1.15	2.25
Yellow Pod Kentucky Wonder.....	.30	1.40	2.75

### BEETS, GARDEN VARIETIES

	Oz.	$\frac{1}{4}$ lb.	lb.
Crosby's Egyptian .....	.10	.30	.85
Detroit Dark Red.....	.10	.30	.85

Early Blood Turnip .....	.10	.30	.85
Eclipse .....	.10	.30	.85
Edmonds Blood Turnip .....	.10	.30	.85
Extra Early Egyptian .....	.10	.30	.85
Long Blood Red .....	.10	.30	.85

**SUGAR BEETS**

White French .....	.10	.25	.60
Vilmorin's Improved .....	.10	.25	.60

**STOCK BEETS or MANGEL WURZEL**

Mammoth Long Red .....	.10	.25	.60
Giant Half Sugar Mangel .....	.10	.25	.60

**FOLIAGE BEET**

Swiss Chard .....	.10	.30	.85
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**CABBAGE**

	Oz.	$\frac{1}{4}$ lb.	lb.
Copenhagen Market .....	.30	1.00	3.75
Early Allhead .....	.20	.65	2.00
Early Drumhead .....	.20	.65	2.00
Early Flat Dutch .....	.20	.65	2.00
Extra Early Jersey Wakefield .....	.20	.65	2.00
Henderson's Early Summer .....	.20	.65	2.00
Late Flat Dutch .....	.20	.65	2.00
Premium Late Large Drumhead .....	.20	.65	2.00
Rice's Surehead .....	.20	.65	2.00

**CARROTS**

Danvers Half Long .....	.10	.30	.90
Improved Long Orange .....	.10	.30	.90
Ox Heart .....	.10	.30	.90

**CELERY**

Golden Self-Blanching .....	.35	1.20	4.00
Giant Pascal .....	.25	.75	2.50
White Plume .....	.25	.75	2.50

**SWEET CORN**

	Lb.	5 lbs.	10 lbs.
Extra Early Adams .....	.20	.90	1.50
Golden Sunshine (Improved Bantam) .....	.25	1.15	2.00
Country Gentleman .....	.35	1.60	3.00
Stowell's Evergreen .....	.30	1.40	2.50

**CUCUMBERS**

	Oz.	$\frac{1}{4}$ lb.	lb.
Boston Pickling .....	.15	.35	1.10
Chicago Pickling .....	.15	.35	1.10
Davis Perfect .....	.15	.40	1.35
Early Cluster .....	.15	.35	1.10
Early Fortune .....	.15	.35	1.10
Early Frame or Short Green .....	.15	.35	1.10
Improved Long Green .....	.15	.40	1.35
Improved White Spine .....	.15	.35	1.10
Japanese Climbing .....	.15	.40	1.35

**GARDEN CRESS**

Double Curled -----	.10	.30
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**EGGPLANT**

New York Improved Purple Spineless-----	.50	1.50
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**ENDIVE**

Green Curled -----	.15	.35
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**KALE**

	Oz.	$\frac{1}{4}$ lb.	lb.
Dwarf German Green-----	.15	.40	1.10
Tall Scotch -----	.15	.40	1.10

**KOHL RABI**

Early White Vienna-----	.15	.50	1.65
Early Purple Vienna-----	.15	.50	1.65

**LETTUCE**

Black Seeded Simpson -----	.15	.35	1.10
Early Curled Simpson -----	.15	.35	1.10
Early Curled Silesia -----	.15	.35	1.10
Grand Rapids Forcing -----	.15	.35	1.10
Hanson Head -----	.15	.35	1.10
Prizehead (Bronzeleaf) -----	.15	.35	1.10

**MUSKMELON**

Banana -----	.15	.35	1.25
Burrell's Gem -----	.10	.30	1.00
Extra Early Improved Hackensack-----	.10	.30	1.00
Hoodoo or Hearts of Gold-----	.15	.35	1.25
Honey Dew -----	.15	.35	1.25
Large Hackensack -----	.10	.30	1.00
Montreal Market -----	.10	.30	1.00
Netted Nutmeg -----	.10	.30	1.00
Osage -----	.10	.30	1.00
Pollock 10-25 -----	.15	.35	1.25
Rocky Ford -----	.10	.30	1.00
Rice's Orange Flesh -----	.20	.45	1.50

Rice's Orange Flesh and Rice's Pollock 10-25, in Sealed One Pound Bags, are favorites with the Market Gardeners.

**WATERMELON**

Alabama Sweet -----	.10	.25	.75
Cuban Queen -----	.10	.25	.75
Georgia Rattlesnake or Gypsy -----	.10	.25	.75
Golden Honey (Yellow Meat)-----	.15	.35	1.10
Halbert's Honey -----	.10	.25	.75
Irish Gray -----	.10	.25	.75
Kleckley's Sweet -----	.10	.25	.75
Kolb's Gem -----	.10	.25	.75
Monte Cristo -----	.10	.25	.75
Sun, Moon and Stars-----	.20	.65	2.00
Peerless or Ice Cream-----	.10	.25	.75
Tom Watson -----	.10	.25	.75

**MUSTARD**

Brown or Black .....	.10	.25	.55
Southern Giant Curled .....	.10	.25	.55
White English .....	.10	.25	.55

**OKRA**

Dwarf Green .....	.10	.25	.60
White Velvet .....	.10	.25	.60

**ONION**

Prizetaker .....	.20	.65	2.00
Yellow Globe Danvers .....	.20	.65	2.00
Large Red Wethersfield .....	.20	.65	2.00
White Silverskin or Portugal .....	.25	.75	2.50
Mammoth Silver King .....	.40	1.25	4.00
White Bermuda .....	.50	1.85	6.50

**ONION PLANTS**

Bermuda .....	Market	Prices
Crystal Wax .....	Market	Prices
Denia .....	Market	Prices

**ONION SETS**

White, Red, Yellow and Winter .....	Market	Prices
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**PARSLEY**

	Oz.	$\frac{1}{4}$ lb.	lb.
Moss Curled .....	.10	.30	.85

**PARSNIPS**

Hollow Crown .....	.10	.25	.70
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**PEAS**

	Lb.	5 lbs.	10 lbs.
Alaska (Earliest of All) .....	.30	1.35	2.40
American Wonder .....	.30	1.35	2.40
Bliss Everbearing .....	.30	1.35	2.40
First and Best .....	.30	1.35	2.40
Gradus .....	.30	1.35	2.40
Laxtonian .....	.30	1.35	2.40
Little Gem .....	.30	1.35	2.40
Tom Thumb .....	.30	1.35	2.40

**PEPPER**

	Oz.	$\frac{1}{4}$ lb.	lb.
Chinese Giant .....	.50	1.60	
Large Bell or Bullnose .....	.40	1.40	
Long Red Cayenne .....	.40	1.40	
Ruby King .....	.40	1.40	
Pimento .....	.40	1.40	
Small Red Chili .....	.50	1.60	

**PUMPKIN**

Kentucky Field .....	.10	.25	.65
Large Cheese .....	.10	.25	.65
Small Sugar .....	.10	.35	.95
Tennessee Sweet Potato .....	.10	.35	1.00
Striped Cushaw Crookneck .....	.10	.35	1.00



## RADISH

Crimson Giant Globe -----	.10	.30	.80
Early Scarlet Turnip -----	.10	.30	.80
Early Scarlet Turnip, White Tip -----	.10	.30	.80
Glass or Chartier -----	.10	.30	.80
French Breakfast -----	.10	.30	.80
Icicle -----	.10	.30	.80
White Vienna or Lady Finger -----	.10	.30	.80
Long Scarlet Short Top -----	.10	.30	.80
Vick's Scarlet Globe -----	.10	.30	.80
White Strasburg -----	.10	.30	.80

## WINTER RADISH

Rose China -----	.10	.30	.85
Long Black Spanish -----	.10	.30	.85
Round Black Spanish -----	.10	.30	.85
White Chinese or Celestial -----	.10	.30	.85

## RHUBARB

Giant Linnaeus -----	.15	.40	1.35
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## SALSIFY

Mammoth Sandwich Island -----	.25	.75	2.50
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## SPINACH

Bloomsdale Savoy Leaved -----	.10	.20	.35
New Zealand -----	.10	.30	.75

## SQUASH

	Oz.	$\frac{1}{4}$ lb.	lb.
Early White Bush Scallop -----	.10	.35	1.25
Hubbard -----	.10	.35	1.25
Summer Crookneck -----	.10	.35	1.25
Warted Hubbard -----	.10	.35	1.25

## TOMATO

Bonnie Best -----	.40	1.50	5.00
Chalk's Early Jewel -----	.30	.90	3.25
Dwarf Champion (Tree) -----	.40	1.50	5.00
Earliana -----	.30	.90	3.25
Early June Pink -----	.40	1.50	5.00
John Baer -----	.30	.90	3.25
Marglobe -----	.40	1.50	5.00
New Stone -----	.30	.90	3.25
Ponderosa or Beefsteak -----	.50	1.75	6.00
Yellow Pear -----	.35	1.40	
Red Plum -----	.35	1.40	

## TURNIP

Extra Early White Milan -----	.10	.30	.85
Extra Early Purple Top Milan -----	.10	.30	.85
Purple Top Strap Leaf -----	.10	.25	.60
Purple Top White Globe -----	.10	.25	.60
Early White Flat Dutch -----	.10	.25	.60
Yellow Purple Top Rutabaga -----	.10	.25	.60

## LAWN GRASS SEED

	Lb.	10 Lbs.
Greenlawn Kentucky Blue Grass.....	\$ .55	\$5.25

We have, for many years, selected the very Cream of the Bluegrass Crop for our trade and our Greenlawn Brand is the very best Seed which can be bought.

	lb.
Greenlawn Superfine White Clover.....	\$ .60
Bermuda Grass Seed, Fancy.....	.50
Perennial Rye Grass, Fancy.....	.25
English Blue Grass, Fancy.....	.25
Orchard Grass, Fancy.....	.30
Red Top Grass, Fancy.....	.40
Alsike Clover, Fancy.....	.40

## FLOWER SEEDS

Bulk

	Oz.	¼ lb.	lb.
Sweet Peas, Spencers Finest Mixed Colors.....	\$ .20	\$ .50	\$1.50
Sweet Peas, Our Special Mixture.....	.15	.35	1.00
Nasturtium, Fancy Dwarf Mixed.....	.15	.35	1.00
Nasturtium, Fancy Tall Mixed.....	.15	.35	1.00

## PACKETS

*Excellent for Borders.*

	Per Packet
Ageratum .....	\$ .05 and \$ .10
Candytuft .....	.05 and .10
Marigold, French Dwarf.....	.05 and .10
Nasturtium, Dwarf .....	above
Pansy .....	.10 and .20
Sweet Alyssum .....	.05 and .10
Verbena .....	.05 and .10

*For Mass Coloring.*

Calendula .....	.05 and .10
Petunia .....	.05 and .10
Phlox, Star or Drummondi.....	.05 and .10
Salvia Splendens .....	.05 and .10
Snapdragon .....	.05 and .10

*For Cut Flowers.*

Aster .....	.05 and .10
Cosmos .....	.05 and .10
Everlastings .....	.05 and .10
Marigold, Large .....	.05 and .10
Phlox Drummondi .....	.05 and .10
Pinks .....	.05 and .10
Snapdragon .....	.05 and .10
Zinnia .....	.05 and .10

We carry a wide assortment of the justly famous Burrell's Rocky Ford Zinnias, in both mixed colors and separate named varieties.

*High Along a Fence.*

Cosmos .....	.05 and	.10
Hollyhock .....	.05 and	.10
Marigold, Giant African.....		.10
Sunflower .....	.05 and	.10

*Climbers.*

Cardinal Climber .....		.10
Cypress Vine .....	.05 and	.10
Morning Glory .....	.05 and	.10
Evening Glory .....		.10
Thunbergia .....	.05 and	.10
Wild Cucumber Vine.....	.05 and	.10

*Miscellaneous.*

Amaranthus .....		.10
Balsam .....	.05 and	.10
Bachelor's Button .....	.05 and	.10
Carnation .....	.05 and	.10
Cockscomb .....	.05 and	.10
Shasta Daisy .....		.15
Vinca .....	.05 and	.10

## SPRING FLOWERING BULBS

	Each	3 For	Doz.
Caladium Esculentum (Elephant Ear) large.....	\$ .20	\$ .50	\$1.75
Cannas .....	.05		.50
Cinnamon Vine, First Size.....	.10	.25	.90
Madeira Vine .....	.10	.25	.90
Tuberose, Dwarf Pearl.....	.05		.50
Gladiolus, First Size, mixed colors.....	\$ .05	\$ .40	\$3.00
Gladiolus, E. J. Shaylor .....	.05	.50	
Gladiolus, Halley .....	.05	.50	
Gladiolus, Herada .....	.05	.50	
Gladiolus, Mrs. Francis King.....	.05	.50	
Gladiolus, Pendleton .....	.05	.50	

Our Seeds must please you. Please examine them,—test them in any way you wish, and if you do not find them satisfactory, return them to us in ten days and your money will be refunded. We cannot guarantee a crop as so many different factors enter into the making of it, therefore to protect ourselves against situations beyond our control, we sell our seeds without warranty. The Young & Sons Co., gives no warranty, express or implied, as to the description, quality, productiveness, or any other matter of any seeds, bulbs, or plants they send out. If the purchaser does not accept the goods on these terms, they are to be returned at once.

## STONETEX LAWN POTTERY

We carry a very nice line of STONETEX Bird Baths, Lawn Vases, Urns, Flower Pots and Jars at prices which are surprisingly reasonable.

## FARM SEEDS

There is so much fluctuation in prices of Farm Seeds that we are unable at this time to quote prices on the various items, that would be good thru the Spring Season, but issue special price lists covering, and will be glad to send current prices on request.

Kanota Seed Oats  
Barley, Six Row Spring  
Seed Rye  
Cow Peas, Whipporwill

Cow Peas, New Era  
Soy Beans, Early Yellow  
Soy Beans, Midwest

### Prices on Application

Dwarf Essex Rape	lb. \$ .10	10 lbs. \$ .85
Peanuts, Spanish	lb. .20	10 lbs. 1.50
Peanuts, White Jumbo	lb. .20	10 lbs. 1.75
Mammoth Russian Sunflower	lb. .10	10 lbs. .90
Pop Corn, Dynamite	lb. .20	10 lbs. 1.75
Pop Corn, Jap. Hulless	lb. .15	10 lbs. 1.00
Pop Corn, Queen's Golden	lb. 15	10 lbs. 1.00

Millet, German, Fancy  
Millet, White Wonder  
Millet, Siberian  
Millet, Hog, or Broomcorn  
Sudan Grass Seed, Fancy  
Kaffir, Dwarf Blackhull white  
Kaffir, Pink Hull  
Milo Maize, Dwarf Yellow  
Hegari, Dwarf, Fancy  
Feterita, Fancy  
Darso, Fancy  
Atlas Sorgo, Fancy  
Cane, Red Top, (Sumac)  
Cane, African Millet  
Cane, Sourless Orange  
Cane, Black Amber

Cane, Kansas Orange  
Cane, Honeydrip  
Seed Corn, Kansas Sunflower Yellow (100-110 days)  
Seed Corn, Golden Beauty, (100 to 110 days)  
Seed Corn, Pride of Saline, White (100 to 110 days)  
Seed Corn, Silage, St. Chas. White, Red Cob, (110 days)  
Seed Corn, Blue and White, (110 days)  
Alfalfa, Fancy Grade  
Alfalfa, Choice  
Sweet Clover, White Blossom, Fancy  
Sweet Clover, White Blossom, Choice  
Sweet Clover, White Blossom, unhulled

### PRICES ON APPLICATION

## BLATCHFORD'S CALF MEAL

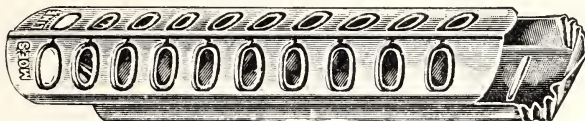
The Perfect Milk Substitute



Blatchford's Calf Meal will raise calves at from one third to one quarter the expense of feeding milk. Raises better calves and saves the milk. You cannot afford not to use it. Used and endorsed by Experiment Stations and Farmers all over the World. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the correct proportions. Prevents scouring when fed according to directions. 25 lbs. of Blatchford's Calf Meal makes 25 gallons of perfect milk substitute.

25 lbs. for-----\$1.35  
100 lbs. for-----\$5.00

# Poultry Feeders, Fountains and Equipment



We are distributors of MOE'S LINE of feeders, waterers, leg bands and other equipment for the poultry raiser. These metal feeders and fountains are exceptionally well built and are good for years of service. We list below a few of the most popular styles. This season we are making special prices on this entire line. 20 per cent off list.

	List	Our Price
No. 11 Galvanized Round Hole Feeder-----	\$.10	\$.08
No. 131 Bright Tin Round Hole Feeder-----	.15	.12
No. 137 10 Inch Tin Long Feeder-----	.25	.20
No. 460 18 Inch Galvanized Dixie Feeder-----	.20	.16
No. 141 35 Inch Long Large Capacity Feeder-----	1.60	1.28
No. 133 Star Shaped Tin Fount for Mason Jar-----	.10	.08
No. 142 Round Shape Fount for Mason Jar-----	.10	.08
No. 34 Cleanable Top-Fill 4 Gallon Fountain-----	2.60	2.08
No. 43 Ten Gallon Swinging Fountain-----	4.00	3.20
No. 130 Moes Aluminum Adjustable Leg Bands, per 100-----	.65	.52

We have many other useful numbers in this line at equally attractive prices. Call or write us for special catalogue.

## STONEWARE BUTTERMILK OR WATER FOUNTS

1 Gallon Size-----\$.50      2 Gallon Size-----\$.75      Rabbit Founts-----\$.25

## HUDSON SPRAYERS

Household Size -----\$.15      Hudson Vapor -----\$.25  
Hudson Rainbow -----.50      Hudson Continuous -----1.00

## PUTNAM STOVES AND HEATERS

These wonderful little burners will supply more heat from less oil consumption than any other heating device.

Little Putnam Stove-----\$1.50      Little Brooder Heater-----\$3.50

## GERMACO HOTKAPS

"An individual hothouse for every plant." This modern invention has solved the old problem of how to "force" growth and fully protect crops from the elements so they will mature in time for early market. Germaco Hotkaps protect plants from frost, wind, rain, insects, ground-crusting, etc.

### PRICES

Package of 100 Hotkaps, with Setter and Tamper-----\$2.50  
Package of 250 Hotkaps, with Setter and Tamper-----4.00  
Hotkaps, per 1000-----11.50  
5000 lots, per 1000-----11.00

## Fertilizers, Seed Disinfectants and Inoculators

Experienced gardeners find that VIGORO gives sure results—a quick vigorous start—and sturdy development of vegetables, flowers and lawns. Clean and odorless, VIGORO is not to be compared with ordinary plant foods. Enough concentrated nourishment in a 100 lb. bag for garden or lawn 50x75 feet.



5 lb. Package, Each	-----\$ .50
25 lb. Bag, Each	-----1.75
50 lb. Bag, Each	-----3.00
100 lb. Bag, Each	-----5.00

### WIZARD Brand Pulverized SHEEP MANURE

WIZARD BRAND PULVERIZED SHEEP MANURE is thoroughly dried and finely pulverized. 100 lbs. of WIZARD has as much fertilizing value as a big wagon-load of well-rotted manure. WIZARD is heat-sterilized and guaranteed to contain NO LIVE WEED SEEDS.

25 lb. Bag	-----\$1.00	50 lb. Bag	-----\$1.50
100 lb Bag	-----	100 lb Bag	-----\$2.50

## PEAT MOSS FOR LAWNS AND GARDENS

Spread from one to three inches of Peat Moss over the soil and work in thoroughly. This added humus will give the soil a much better holding capacity for retaining rainfall, or other moisture. Prevents heavy soils from quickly drying out and forming surface crust. Mulch flowers, vegetables, fruits, roses, peonies, shrubs, hedges, keeping them surrounded with a two to three inch mulch of Peat Moss.

For Potted Plants, mix about one quarter to one third of Peat Moss with your soil. This will keep the soil moist, light and prevent crusting. Used by all Florists.

25 lbs.	----- \$1.00	Per bale (About 125 lbs.)	-----\$3.25
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We also handle in car-lots Swift's Steamed Bone Fertilizer 1¼—29—0, Nitrate of Soda, Ammonium Sulphate, Swift's Truck Garden Fertilizer and Tomco Fine Ground Lawn Limestone.

STIM-U-PLANT, the plant food in tablet form, in 15c and 25c packages.

NITRAGIN, the original legume inoculator. For Alfalfa and all Clovers, Peas, Beans.  
 ½ bu. size-----\$ .60      1 bu. size-----\$1.00      5 bu. size-----\$4.75

GARDEN NITRAGIN for Sweet Peas, Peas, Beans. Each-----\$ .25

URBANA CULTURE. This splendid inoculator is recommended and endorsed by the Reno County Agent, and is applied moist by the sure and proven method. For Alfalfa, Clovers and other small seeds. Small size for ½ bu. Seed Each-----\$ .35  
 For 1 bu. Seed, Each-----\$ .50



## DUBAY SEED DISINFECTANTS

FOR VEGETABLE AND FLOWER SEEDS AND BROWN PATCH IN LAWN.

SEMESAN—2 oz. tin-----	\$ .50	SEMESAN—5 lb. tin-----	\$13.00
SEMESAN—1 lb. tin-----	2.75	SEMESAN—25 lb. Pail-----	56.25

### FOR SEED CORN

SEMESAN JR.—4 oz. tin-----	\$ .50	SEMESAN JR.—5 lb. tin-----	\$ 8.00
SEMESAN JR.—1 lb. tin-----	1.75	SEMESAN JR.—25 lb. pail-----	31.25

### FOR SEED POTATOES

SEMESAN BEL—4 oz. tin-----	\$ .50	SEMESAN BEL—5 lb. tin-----	\$ 8.00
SEMESAN BEL—1 lb. tin-----	1.75	SEMESAN BEL—25 lb. pail-----	31.25

### FOR WHEAT, KAFIR AND OTHER GRAINS

CERESAN—1 lb. tin-----	\$ .75	CERESAN—25 lb. pail-----	\$12.50
CERESAN—5 lb. tin-----	3.00	CERESAN—100 lb. drum-----	49.00

### FOR BROWN PATCH AND OTHER FUNGUS DISEASES OF GRASS

NU-GREEN—3 oz. tin-----	\$ .50	NU-GREEN—5 lb. tin-----	\$ 9.00
NU-GREEN—1 lb. tin-----	2.00	NU-GREEN—25 lb. pail-----	37.50
COPPER CARBONATE for Smut treatment of grains—5 lb. Pkg.-----		\$1.00	



## INSECTICIDES AND FUNGICIDES

EVERGREEN Non-Poisonous Insecticide is effective against Aphis, Thrips, Moths and larvae, Leaf Hopper, Rose Insects, Red Spider and Mealy Bug, but offers no poison danger to human beings, livestock or birds. It is NOT A POISON.

1 ½ oz. Bottle-----	35c	6 oz. Bottle-----	\$1.00	16 oz. Bottle-----	\$2.00
1 Qt. -----					\$3.50

BLACK LEAF 40 (Nicotine Sulphate) containing 40 per cent free nicotine, is one of the strongest insecticides on the market for killing Aphis or Plant Lice, Psylla, Thrips, Leaf Hoppers, and all sucking insects.

BLACK LEAF 40 is also highly effective in killing POULTRY LICE and MITES. Prices:

1 oz. Bottle-----	\$ .35
½ lb. Bottle-----	1.25
1 lb. Bottle-----	2.50
2 lb. Tin -----	3.75
5 lb. Tin -----	7.00



**Learn This Secret**  
of growing perfect flowers.  
Spray with "Black Leaf 40"  
Rids plants of destructive aphids and similar pests. Bottle making 6 gals. of spray only 35c.

**SPRAY**  
**"Black Leaf 40"**  
40% NICOTINE

**Kills Aphis**

## SPRAYING MATERIALS

Arsenate of Lead, 4 lbs.-----	\$ .75	Dry Lime Sulphur, 25 lbs.-----	3.00
Arsenate of Lead, 24 lbs.-----	3.60	Dry Lime Sulphur, 100 lbs.-----	10.00
Arsenate of Lead, 100 lbs.-----	13.00	Paris Green, ¼ lb.--15c	1 lb.-- .45
Bordeaux Mixture, 4 lbs.-----	.75	London Purple, ¼ lb.--15c	1 lb.-- .35
Bordeaux Mixture, 100 lbs.-----	13.50	Acme All Round Spray, ¼ lb.-----	.45
Acme Garden Guard, 1 lb.-----	.25	1 lb.-----	.95
Tobacco Dust, 2 lb.-----	.25	Acme "Bait-M", 1 lb.-----	.35
Dry Lime Sulphur, 5 lbs.-----	\$ 1.00		

CARBOLA WHITE PAINT DISINFECTANT.

POWDERED SULPHUR, FINE

5 lbs.--75c	10 lbs.--\$1.25	50 lbs.--\$5.00	50 lbs.-----	\$1.75	100 lbs.-----	\$3.00
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## POWERFUL B-K GERM KILLER

B-K (Bacilli-Kil) is a very powerful Germ Killer. Not a poison, but is ten times more powerful as a germ killer than carbolic acid. Destroys germs almost instantly on contact. B-K is a concentrated sodium hypochlorite product. Clean, odorless and a deodorant.

**FOR POULTRY.** B-K is the most widely used germicidal agent. Feeding B-K in the drinking water at all times is very important to prevent the spread of disease. Can be used without danger to mature birds, or baby chicks. Prevention of disease is cheaper and easier than cure.

**DAIRY USE.** The foundation of success in the production of milk is to maintain sanitary conditions. B-K is the ideal solution for sterilizing and deodorizing. Simple and economical to use. You don't have to bother to heat water. Just

make your dilution with cold water according to directions. This will give you for  $\frac{1}{2}$  to 3c per gallon a rinse that will thoroughly sterilize your utensils and assure you of clean milk. B-K has been recognized by milk-producers everywhere for the last 20 years as the leader in this field. **HOUSEHOLD USE.** B-K has many household uses which are thoroughly set out in literature which is yours for the asking. B-K has many imitators. Play safe and use the old original tried and proven B-K.

4 oz.-----35c 10 oz.-----60c 1 qt.-----\$1.25 1 gal.-----\$3.00 5 gals.-----\$12.50

## UDDER HEALTH

Brings quick relief to caked, inflamed udders, sore, cracked, chapped teats. Does not gum, or taint milk. 1 lb.-----\$1.00 8 oz.-----60c

## K-O FLY SPRAY

Milk losses caused by flies amount to millions of dollars every year. Use K-O Fly Spray and protect your profits. Builds up a protective film on the cow's hair which repels flies. Non-poisonous, clear and has a pleasant odor. Will not taint milk or stain the cow.

1 qt.-----60c 1 gal.-----\$1.50 5 gals.-----\$6.75

## LIBERTY MILK BOTTLES

We handle in car lots, this high grade bottle, and are always in position to make you the very lowest possible prices on both cream and milk bottles in any size, or amounts.

## RAT SCENT

Rat-scent is a specially prepared scented, sundried combination of grains which is the natural food of the rat and mouse. Harmless to chickens. No bait to mix, no odor from Rats and Mice killed by Rat-scent. Dogs and cats are not attracted to it, on account of it being a grain. Thousands of families now using Rat-scent and ridding their premises of these pests. Full directions on each package. 7oz. pkg.-----35c 12 oz. pkg.-----50c

## WESTERN MINERAL MIXTURE

This is the simple Mineral mixture recommended by practically all of the leading Experiment Stations. Is made from Bone Meal, Calcium Carbonate and Salt, and supplies all the mineral elements required by Poultry, Dairy Cows, Meat Animals and Hogs.

For Poultry, use up to 5 lbs. per 100 lbs. of feed.

For Dairy Cows, use 3 lbs. per 100 lbs. of Ration.

For Cattle Fattening, use 3 to 3½ % of Ration.

For Hogs, use 2½ to 3 % of the Ration.

Price \$1.65 per cwt., 50 lbs. 95c.



## Poultry Feeds and Supplies



**MAK-M-GRO BUTTERMILK CHICK MASH** contains Pure Powdered Buttermilk, Swift's Fine Meat Scraps, choice green Alfalfa Leaf Meal, Linseed Meal, Wheat Middlings, Kafir-Milo Meal, Ground Hulled Oats, Pulverized Yellow Whole Corn Meal, Bone Meal, Calcium Carbonate and not over 1% Salt. It is balanced properly for stimulating the most rapid, healthy growth in baby chicks.

25 lb. bag-----\$ .90  
50 lb. bag-----1.65  
100 lb. bag-----3.10



**SUNSHINE BUTTERMILK CHICK MASH** with Cod Liver Oil and Minerals, is balanced somewhat differently from MAK-M-GRO, but the same choice grade of materials are used in its preparation. **SUNSHINE** is preferred by some poultry raisers who wish Cod Liver Oil in their feed. 25 lb. bag-----90c 100 lb. bag-----\$3.10

**YOUNG'S CHICK FOOD (Chick Scratch Grains)** for baby chicks contains a selected variety of grains and seeds, properly balanced and milled to just the correct size for baby chicks. Nothing but clean, sound, sweet ingredients are used. It contains no grit, and is free from chaff and fine, mealy materials. Can be fed without waste.

25 lb. bag-----65c 50 lb. bag-----\$1.20 100 lb. bag-----\$2.15

**YOUNG'S DEVELOPING GRAINS** is a slightly coarser sized scratch feed which should be used when chicks have reached an age of about six to eight weeks. The same high quality materials are used as in the baby chick size.

25 lb. bag-----65c 100 lb. bag-----\$2.10

**MAK-M-LAY Buttermilk Egg Mash** is known to thousands of successful poultry feeders in Western Kansas and bears a reputation for money-making egg production which is not equalled by any other feed of its kind which reaches this market. Actual feeding tests have repeatedly shown that MAK-M-LAY will produce eggs at lower feed cost per egg than ANY OTHER FEEDS. MAK-M-LAY Mash is low in fiber and makes an excellent **GROWING MASH**. Your chicks can safely be changed from MAK-M-GRO CHICK MASH to MAK-M-LAY at from six to eight weeks, and the use of MAK-M-LAY between that time and laying age will insure higher producers among your pullets.

25 lb. bag-----70c 50 lb. bag-----\$1.25 100 lb. bag-----\$2.25

**YOUNG'S HEN SCRATCH GRAINS** is a well balanced scratch feed containing only re-cleaned whole and steel cut grains of the highest quality. No Grit, chaff or fine stuff. Market Prices.

**MAK-M-FAT POULTRY FATTENER** contains the right food elements in the correct proportions to make the quickest and greatest gains in weight. Will absorb milk very freely. Per cwt.-----\$2.25

### SWIFT'S HIGH GRADE MEAT SCRAPS

Swift's Meat Scraps supply the kind of Animal protein that increases egg yields. Make your poultry feeding more profitable by feeding for maximum egg production. Nothing in the ration will take the place of high grade animal protein. Swift's Meat Scraps are everywhere the standard of quality. Get the best—it is cheaper in the long run. We handle both Swift's Meat Scraps and Swift's 60% Digester Tankage, in car lots and can always quote very low prices.



Our large storage warehouse capacity and our modern equipment for doing every kind of grinding, together with the advantage of purchasing practically everything in the poultry feed and supply line in carload quantities, enables us to make you money-saving prices on the following items:

Monarch Steel Cut Yellow Corn  
Pulverized Heavy Oats  
Ground Oat Groats (Oat Flour)  
Cologreen Fine Poultry Grade Alfalfa Meal  
Alfalfa Leaf Meal  
Swift's Poultry Bone Meal  
Pilot Oyster Shell, Hen or Chick Size  
Powdered Limestone (Calcium Carbonate)  
Semi-Solid Buttermilk  
Nopco Cod Liver Oil (Double Strength)

Pulverized Yellow Corn Meal  
Rolled Oats  
Steel Cut (Pin Head) Oats  
Poultry Charcoal, Any Size  
Swift's Special Steamed Bone Meal, 65%  
Phosphates  
Golden West Shellmaker, Hen or Chick Size  
Pure Dried Buttermilk  
Kraco Milk Sugar

## **Poultry and Livestock Tonics and Remedies**

### **GEO. H. LEE'S LINE**

Our very complete stock of this popular line includes Gizzard Capsules, Lee's Insect Powder, Liquid Lice Killer, Vapo-Spray, Hog Oil Wormer, Flu-Koff Emulsion, the Old Standard Germozone, and Dip and Disinfectant.

### **DR. HESS LINE**

Dr. Hess Pan-A-Min (formerly Pan-A-Cea), Dr. Hess Stock Tonic, Dr. Hess Roup Tablets, Dr. Hess White Diarrhoea Tablets, Dr. Hess Healing Powder, Dr. Hess Heave Remedy, Instant Louse Powder, Dip, Dr. Hess Fly Chaser and Dr. Hess Hog Special.

### **PRATT'S LINE**

Pratt's Animal Regulator and Pratt's Poultry Regulator.

### **GERMO LINE**

Germo Cholérine, the favorite for digestive troubles in poultry, Cholérine Tablets, Germo Louse Powder, and Germo Dip.

### **MONARCH LINE**

Monarch Stock Dip and Carbo-Creocene Woodfill.

### **CONKEY'S LINE**

Conkey's Y-O, the famous yeast-cod liver oil supplement, Poultry Tonic, Old Reliable Roup Powder and Pills, Cholera Remedy, Head Lice Ointment, Rheumatic Remedy, Poultry Laxative, Blackhead Remedy, Chicken Pox Remedy, Gape Remedy, Scaly Leg Remedy, Lice Powder, Nox-I-Cide Disinfectant and Conkey's Fly Knocker.

### **PEAT MOSS FOR POULTRY LITTER**

Absorbs ten to fifteen times its own weight of moisture. Better than straw. Keeps houses dry and sanitary. Reduces fire hazard, as hot coals, or ashes will not ignite the litter. It will smoulder and go out. Checks disease spread because germs cannot develop in Peat Litter as there is nothing for them to feed on. Will last all thru the brooding period without being renewed.

One bale will cover about 350 sq. feet one inch deep.

Per bale (about 125 lbs.)-----\$3.25

## Hog, Dairy and Miscellaneous Feeds

**MAK MILK, 24% protein Dairy Concentrates.** This splendid formula includes Linseed Oil Meal, High Grade Cottonseed Meal, Corn Gluten Feed, Molasses and the essential minerals; this is the formula that enabled Knutson Bros., to break all records for milk production in Wisconsin last year. To be fed with your home grown grains, reducing it to around 15% protein.

**SUNFLOWER DAIRY FEED, 16% protein,** is the highest type of 16 per cent Dairy Feed possible to manufacture. It includes Linseed Oil Meal, Cottonseed Meal, Corn Gluten feed, Alfalfa Meal, Molasses and minerals, with grains and mill feeds, and is a sure-fire milk producer in a complete feed.

**MATCHLESS BIG "10" PIG MEAL, 43% protein.** This wonder Hog and Pig Meal is prepared on the Evvard formula, from Ames College, Iowa; while containing 40% of Tankage, with its balance of Minerals and other concentrates, it has shown a yield profit of \$20.00 per ton greater than Tankage, and yet costs less. Harold Pennington, well known Stock Raiser, right here in the Hutchinson neighborhood was able last year to make 100 lbs. of pork with 49 lbs. of Big "10" Pig Meal and 285 lbs. of corn. Can be used to balance either corn, or wheat. This concentrate will make you more money from hog feeding than you ever made before.

Our car-lot buying of the following feeds with over 100 cars of warehouse storage enables us to make you very low prices at Hutchinson, on the following feeds.

Swift's High Grade 60% Tankage  
 Swift's Steamed Bone Meal, 65% phosphates  
 Old Process Linseed Oil Meal, 34%  
 Corn Gluten Feed  
 Soy Bean Meal  
 Peanut Meal  
 Tarkio Molasses feed

Semi Solid, or Condensed Buttermilk  
 Cottonseed Pea Cake, or Nut Cake, 43%  
 Cottonseed Meal and Screenings, 43%  
 Alfalfa Meal, all grades  
 Charcoal, for Stock Mixtures  
 Trinity Mixture (Corn Balancer) for Hogs  
 FOS-FOR-US MEAL, Complete Minerals  
 Black Strap Molasses in Barrels

## SPECIAL FEEDS

**YOUNG'S COMPLETE RABBIT RATION;** contains all the food that Rabbits require. It is a complete feed, and nothing need be added to it.

**YOUNG'S RABBIT CONCENTRATES;** contains the highly concentrated feeds that bring the greatest development. To be mixed one part concentrates to four parts rolled oats. A very popular formula with the Fancy Rabbit trade.

**YOUNG'S HIGH GRADE PIGEON FEED;** contains Canada Field Peas, Wheat, Milo, Kafir and Mammoth Millet; this mixture is the favorite with Pigeon Breeders all over the country.

## Pet Supplies

### BIRD SUPPLIES

Hendryx and Leon Bird Cages.....				\$2.00 up
Bird Baths.....	\$	.25	Bird Seed Cups.....	20c and \$ .25
Bird Treatment Cups.....		.10	Bird Cage Hooks.....	.25
Bird Cage Springs.....		.15	Spratt's Mite Traps.....	.25

## HEGER'S BIRD FOODS, REMEDIES AND SUPPLIES

Imported Mixed Bird Seed.....	\$	.25	Unhulled Rice .....	\$ .25
Mixed Parrot Seed.....		.25	Song Restorer .....	25c and 1.00
Egg Food .....		.25	Pepper Food .....	25c and 1.00
Medicated Seed Cake.....		.15	Tonic Tablets .....	.25
Parrot Food Bars.....		.50	Canary Crackers .....	.15
Liberty Bell Seed Cake.....		.15	Plumage Restorer .....	.25
Antiseptic Wash for Birds.....		.25	Hemostepic Tablets .....	1.00
Mite Powder .....		.25	Bird Nesting .....	.10
Gravel Paper, for cage .....		.25	Silver Bird Gravel .....	.20
Geisler's Vegetable Extract.....		.25	Geisler's Bird Tonic.....	.25
French's Bird Seed.....		.15	French's Bird Gravel.....	.15
French's Exercise Ball.....		.10	French's Bird Biscuit.....	.10

## DOG FOODS AND SUPPLIES

## CAT SUPPLIES

## Goldfish and Supplies

A detailed black and white line drawing of a goldfish, shown in profile facing right. The drawing captures the intricate details of the fish's anatomy, including the scales on its body, the large, flowing scales on its tail (caudal fin), and the smaller scales on its dorsal and pectoral fins. The fish's eyes are large and prominent, and its mouth is slightly open. The overall style is that of a fine-lined illustration, typical of a technical or educational drawing.

Japanese Nymphs,  
Comets, Shubunkins,  
Veiltails, Fringetails  
and Red Telescopes.  
We also have the live-  
bearing Tropical Fish  
of the Guppyi and  
Mexican Swordtail va-  
rieties.

## FISH PRICES

## SCAVENGERS

We also stock a most complete line of Globes and Bowls of various designs, shapes and sizes.

## BOWL AND GLOBE PRICES

Also many beautiful designs of Aquariums ranging in price from \$2.25 to \$45.00.

# WEIGHTS PER BUSHEL AND QUANTITIES USUALLY SOWN PER ACRE

	Pounds Per Acre	Pounds Per Bu.
Alfalfa—Drilled .....	15- 20	60
Barley .....	50-110	48
Bluegrass, Kentucky .....	35- 40	14
Bluegrass, English .....	20- 30	24
Brome Grass .....	20- 25	14
Broom Corn—for brush .....	3- 5	46
Buckwheat .....	50- 70	52
Bermuda Grass .....	5- 10	30
Clover, Alsike .....	6- 8	60
Clover, Red .....	8- 15	60
Clover, Sweet-Hulled .....	15- 20	60
Clover, Sweet, Unhulled .....	25- 30	30
Corn, Shelled .....	7- 8	56
Corn, for fodder or silage .....	30- 35	56
Cane—for fodder .....	50-100	50
Cow Peas, Drilled .....	40- 80	60
Cow Peas, Broadcast .....	80-120	60
Flax .....	20- 40	56
Fescue, Meadow .....	20- 30	24
Kaffir Corn, in drills .....	8- 12	56
Kaffir Corn, Broadcast .....	50-110	56
Lawn Grass—1 lb. to 200 Sq. feet .....		
Millet, German and Common .....	30- 50	50
Millet, Hog or Broom Corn .....	25- 50	50
Millet, Siberian .....	20- 40	50
Milo Maize, in drills .....	8- 12	56
Oats .....	60- 90	32
Orchard Grass .....	25- 35	14
Peanuts (in pods) .....	30- 60	22
Pop Corn (shelled) .....	6- 8	56
Red Top—Solid Seed .....	12- 15	14
Rape, Dwarf Essex—in drills .....	3- 4	50
Rape, Dwarf Essex—Broadcast .....	5- 8	50
Rye .....	80-110	56
Rye Grass, English .....	30- 50	24
Soy Beans, in drills .....	25- 40	60
Soy Beans, Broadcast .....	60-100	60
Sudan Grass, in drills .....	15- 25	40
Sudan Grass, Broadcast .....	20- 30	40
Sunflower, Russian .....	8- 10	24
Timothy .....	12- 20	45
Wheat .....	60-120	60



# **Young's Seed House**

**Hutchinson, Kansas**

**Garden - Field - Grass - Flower**

## **SEEDS**

**Flowering Bulbs**

**Seed Potatoes**

**Onion Sets**

**Poultry Foods**

**Poultry Supplies**

**Swift's Meat Scraps and Tankage**

**Hog, Dairy and Cattle Feeds**

**Insecticides Fertilizers**

We are in the market during season for Field Seeds  
of all kinds and would like to have your offerings

**4th and Main**  
**Phone 787**

**115-117 W. 4th**  
**Phone 26**

**HUTCHINSON, KANSAS**